

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Page 1 of 6

Application Number	10/521827
Filing Date	August 15, 2003
First Named Inventor	Fleming, Robert J.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Case Number	58046US012

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number <small>Doc. Number-(Kind Code if Known)</small>	Publication Date or Issue Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML	A1	US- 3,302,002	01-31-1967	Warren	
ML	A2	US- 3,311,517	03-28-1967	Keslar et al.	
ML	A3	US- 3,529,074	09-15-1970	Lewis	
ML	A4	US- 3,601,471	08-24-1971	Seddon et al.	
ML	A5	US- 3,682,528	08-08-1972	Apfel et al.	
ML	A6	US- 3,752,348	08-14-1973	Dickason et al.	
ML	A7	US- 3,897,140	07-29-1975	Tuthill	
ML	A8	US- 3,990,784	11-09-1976	Gelber	
ML	A9	US- 4,017,661	04-12-1977	Gillery	
ML	A10	US- 4,166,876	09-04-1979	Chiba et al.	
ML	A11	US- 4,226,910	10-07-1980	Dahlen et al.	
ML	A12	US- 4,234,654	11-18-1980	Yatabe et al.	
ML	A13	US- 4,320,169	03-16-1982	Yatabe et al.	
ML	A14	US- 4,413,877	11-08-1983	Suzuki et al.	
ML	A15	US- 4,590,118	05-20-1986	Yatabe et al.	
ML	A16	US- 4,639,069	01-27-1987	Yatabe et al.	
ML	A17	US- 4,645,714	02-24-1987	Roche et al.	
ML	A18	US- 4,696,719	09-29-1987	Bischoff	
ML	A19	US- 4,722,515	02-02-1988	Ham	
ML	A20	US- 4,782,216	11-01-1988	Woodard	
ML	A21	US- 4,786,783	11-22-1988	Woodard	
ML	A22	US- 4,799,745	01-24-1989	Meyer et al.	
ML	A23	US- 4,842,893	06-27-1989	Yializis et al.	
ML	A24	US- 4,888,061	12-19-1989	Wenz	
ML	A25	US- 4,910,090	03-20-1990	Kuhlman et al.	
ML	A26	US- 4,954,371	09-04-1990	Yializis	
ML	A27	US- 4,965,408	10-23-1990	Chapman et al.	
ML	A28	US- 4,973,511	11-27-1990	Farmer et al.	

\*Examiner:

*Carroll*

Date Considered:

1/17/06

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		Doc. Number-(Kind Code If Known)			
ML	A29	US- 5,011,585	04-30-1991	Brochot et al.	
ML	A30	US- 5,018,048	05-21-1991	Shaw et al.	
ML	A31	US- 5,032,461	07-16-1991	Shaw et al.	
ML	A32	US- 5,071,206	12-10-1991	Hood et al.	
ML	A33	US- 5,085,141	02-04-1992	Triffaux	
ML	A34	US- 5,097,800	03-24-1992	Shaw et al.	
ML	A35	US- 5,125,138	06-30-1992	Shaw et al.	
ML	A36	US- 5,260,095	11-09-1993	Affinito	
ML	A37	US- 5,324,374	06-28-1994	Harmand et al.	
ML	A38	US- 5,332,888	07-26-1994	Tausch et al.	
ML	A39	US- 5,360,659	11-01-1994	Arends et al.	
ML	A40	US- 5,395,644	03-07-1995	Affinito	
ML	A41	US- 5,440,446	08-08-1995	Shaw et al.	
ML	A42	US- 5,489,489	02-06-1996	Swirbel et al.	
ML	A43	US- 5,547,508	08-20-1996	Affinito	
ML	A44	US- 5,681,615	10-28-1997	Affinito et al.	
ML	A45	US- 5,681,666	10-28-1997	Treger et al.	
ML	A46	US- 5,686,360	11-11-1997	Harvey, III et al.	
ML	A47	US- 5,699,188	12-16-1997	Gilbert et al.	
ML	A48	US- 5,725,909	03-10-1998	Shaw et al.	
ML	A49	US- 5,744,227	04-28-1998	Bright et al.	
ML	A50	US- 5,757,126	05-26-1998	Harvey, III et al.	
ML	A51	US- 5,771,562	06-30-1998	Harvey, III et al.	
ML	A52	US- 5,773,102	06-30-1998	Rehfeld	
ML	A53	US- 5,783,049	07-21-1998	Bright et al.	
ML	A54	US- 5,877,895	03-02-1999	Shaw et al.	
ML	A55	US- 5,981,059	11-09-1999	Bright et al.	
ML	A56	US- 6,007,901	12-28-1999	Maschwitz et al.	

\*Examiner:

*Carroll*

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		Doc. Number-(Kind Code if Known)			
ML	A57	US- 6,030,671	02-29-2000	Yang et al.	
ML	A58	US- 6,045,864	04-04-2000	Lyons et al.	
ML	A59	US- 6,049,419	04-11-2000	Wheatley et al.	
ML	A60	US- 6,083,628	07-04-2000	Yializis	
ML	A61	US- 6,111,698	08-29-2000	Woodard et al.	
ML	A62	US- 6,146,225	11-14-2000	Sheats et al.	
ML	A63	US- 6,214,422 B1	04-10-2001	Yializis	
ML	A64	US- 6,231,939 B1	05-15-2001	Shaw et al.	
ML	A65	US- 6,243,201 B1	06-05-2001	Fleming et al.	
ML	A66	US- 6,255,003 B1	07-03-2001	Woodard et al.	
ML	A67	US- 6,268,695 B1	07-31-2001	Affinito	
ML	A68	US- 6,480,250 B1	11-12-2002	Matsufuji et al.	
ML	A69	US- 6,483,719	11-19-2002	Bachman	
ML	A70	US- 6,596,937 B2	07-22-2003	Mazurkiewicz	
ML	A71	US- 6,621,003 B2	09-16-2003	Yoshida et al.	
ML	A72	US- 2002/0042162 A1	04-11-2002	Tone et al.	
ML	A73	US- 2002/0154406 A1	10-24-2002	Merrill et al.	
ML	A74	US- 2002/0180324 A1	12-05-2002	Yoshida et al.	
ML	A75	US- 2003/0085649 A1	05-08-2003	Wachi et al.	
ML	A76	US- 2004/0032658 A1	02-19-2004	Fleming	
ML	A77	US- 2004/0033369 A1	02-19-2004	Fleming et al.	
ML	A78	US- 2004/0033675 A1	02-19-2004	Fleming et al.	

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
ML	B1	EP	0 810 452 A2	12-03-1997	Okamura et al.		
ML	B2	EP	0 873 839 A1	10-28-1998	Ono et al.		
ML	B3	EP	0 944 299 A2, A3	09-22-1999	Sugizaki et al.		

\*Examiner: *Laralle*

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		Ctry. Code	Number-KindCode (If known)				
M	B4	EP	0 977 167 A1	02-02-2000	Yasunori et al.		
M	B5	WO	95/10117	04-13-1995	Shaw et al.		
M	B6	WO	97/01440	01-16-1997	Gilbert et al.		
M	B7	WO	97/01778	01-16-1997	Onderkirk et al.		
M	B8	WO	97/04885	02-13-1997	Affinito et al.		
M	B9	WO	98/26927	06-25-1998	Landin et al.		
M	B10	WO	99/36248	07-22-1999	Neavin et al.		
M	B11	WO	99/36262	07-22-1999	Hebrink et al.		
M	B12	WO	00/26973	05-11-2000	Bright		
M	B13	WO	00/48749	08-24-2000	Eufinger et al.		
M	B14	WO	01/31393 A1	05-03-2001	Epstein et al.		
M	B15	WO	01/58989 A1	08-16-2001	McGurran et al.		
M	B16	WO	01/96104 A2	12-20-2001	Liu et al.		
M	B17	WO	01/96115 A1	12-20-2001	Dietz		

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
M	C1	Presentation: Affinito et al., "Polymer-Oxide Transparent Barrier Layers," SVC 39 <sup>th</sup> Annual Technical Conference, Paper No. W-12, (1996), pp. 1-6. (no month)
M	C2	Presentation: Shaw et al., "A New Vapor Deposition Process for Coating Paper and Polymer Webs," Sixth International Vacuum Web Coating Conference, Reno, NV, October 28, 1992, pp. 18-24.
M	C3	Presentation: Shaw et al., "A New High Speed Process for Vapor Depositing Acrylate Thin Films: An Update," Society of Vacuum Coaters 36 <sup>th</sup> Annual Technical Conference (1993), pp. 348-352. (no month)
M	C4	Presentation: Shaw et al., "Use of Vapor Deposited Acrylate Coatings to Improve the Barrier Properties of Metallized Film," Society of Vacuum Coaters 37 <sup>th</sup> Annual Technical Conference (1994), pp. 240-247. (no month)
M	C5	Presentation: Shaw et al., "Use of Evaporated Acrylate Coatings to Smooth the Surface of Polyester and Polypropylene Film Substrates," Rad Tech (1996), (12 pages). (no month)

\*Examiner: LaVilla

Date Considered:

1/17/06

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## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
* <i>M</i> L	C6	Article: Affinito et al., "Vacuum Deposited Polymer/Metal Multilayer Films for Optical Application," <u>Thin Solid Films</u> , Vol. 270, (1995), pp. 43-48. ( <i>no month</i> )
<i>M</i> L	C7	Product Information: "Southwall™ Altair™ M Transparent Conductive Film," (date unknown but is prior to filing date of instant application), 1 page.
<i>M</i> L	C8	Product Information: "Shielded Windows," Advanced Performance Materials, (date unknown but is prior to filing date of instant application), 1 page.
<i>M</i> L	C9	Product Information: "EMI Shielding Products," Advanced Performance Materials, (date unknown but is prior to filing date of instant application), 2 pages.
<i>M</i> L	C10	Technological Information: "EMI Theory," Chomerics, (date unknown but is prior to filing date of instant application), pp. 1-3.
<i>M</i> L	C11	Technological Information: "Shielding Methods," Chomerics, (date unknown but is prior to filing date of instant application), pp. 1-7.
<i>M</i> L	C12	Product Information: "Display Products," Southwall Technologies, (date unknown but is prior to filing date of instant application), pp. 1-2.
<i>M</i> L	C13	Product Information: "BE 9 Shielded Windows," Advanced Performance Materials GMBH, (date unknown but is prior to filing date of instant application), pp. 60-67.
<i>M</i> L	C14	Book Excerpt: Austin, "Chapter 8: Electromagnetic Compatibility for Electrical Engineering," <u>Electrical Engineer's Reference Book</u> , Butterworth-Heinemann, Oxford, UK, Fifteenth Edition, (1993), pp. 8/3-8/14. ( <i>no month</i> )
<i>M</i> L	C15	Book: White and Mardigian, "Volume 3: Electromagnetic Shielding," <u>A Handbook Series on Electromagnetic Interference and Compatibility</u> , Interference Control Technologies, Inc., Gainesville, Virginia, (1988), title page and table of contents, 12 pages. ( <i>no month</i> )
<i>M</i> L	C16	Book: Gnecco, <u>The Design of Shielded Enclosures: Cost-Effective Methods to Prevent EMI</u> , Butterworth-Heinemann, Boston, MA, (2000), title page, table of contents, List of Illustrations, and List of Tables, 13 pages. ( <i>no month</i> )
<i>M</i> L	C17	Book: White and Mardigian, "Volume 8: EMI Control Methodology and Procedures," <u>A Handbook Series on Electromagnetic Interference and Compatibility</u> , Interference Control Technologies, Inc., Gainesville, Virginia, (1989), title page and table of contents, 11 pages. ( <i>no month</i> )
<i>M</i> L	C18	Article: Cairns et al., "Strain-Dependent Electrical Resistance of Tin-Doped Indium Oxide on Polymer Substrates," <u>Applied Physics Letters</u> , Vol. 76, No. 11, March 13, 2000, pp. 1425-1427.

\*Examiner: *Carville*

Date Considered: 1/17/06

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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
ML	C19	H.G. Elias, "An Introduction to Plastics", VCH Verlagsgesellschaft mbH (Weinheim, Germany), 1993 (no month), page 249.

\*Examiner: *LaVille*Date Considered: *11/17/06*

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